		UDLIU HEI MIMITU	
	Fund - §54.1009 Annual Reporting lection Form		FCC Form Approved by OMB OMB 3060-1185 Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Area Code	108001	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name: Person USAC should contact with questions about this data	Stephanie Cassioppi	
<035>	Contact Telephone Number: Number of the person identified in data line <030>	6302013501 ext <sub>*</sub>	
<039>	Contact Email: Email of the person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	
<040>	Has the information required pursuant to §54.1009	been provided with a Form 481 filing (Y/N	1 <040> •
	<041> Attach a description of the documents file	ed with the Form 481 reporting	<041> 108001_041_ME.pdf
	<042> Cite the Study Area Code (SAC) for the Fo	rm 481 reporting	<042> 109002
<080>	<u>Tribal Lands Reporting {y/n?}</u> (Does this study area cover	er tribal lands? Yes or No)	$\circ$

#### Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

(050) Carı	rier Contact Form			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 2 of 8
<010>	Study Area Code		108001	
<015>	Study Area Code Study Area Name		United States Cellular Corporation	
<020>	Program Year		2016	
<030>	Contact Name - Person USAC should contact regarding th	is data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified		6302013501 ext.	
<039>	Contact Email Address - Email Address of person identifie	d in data line <030>	Stephanie.Cassioppi@USCellular.com	
Reporting	Carrier / Mobility Fund Phase 1 Winning Bidder			
<110>	FCC Registration Number	4372322		
<111>	Filing Carrier Name	United States Cellu	lar Corporation	
<112>		United States Cellu		1
<113>	C:	8410 W. Bryn Mawr	142 COLDOLACION	
<114>	-	Chicago		
<115>				
	<u></u>	IL		
<116>		60631		
<117>	· ·	6302013501 ext		
<118>		7733998959		
<119>	Email Address	Stephanie.Cassioppi	@USCellular.com	
<120> <121> <122> <123> <124> <125> <124> <125> <126> <126> <127> <128>	Filing Carrier Name  Street Address (or PO Box)  City  State  Zip-Code  Telephone Number  Fax Number  Fax Number	Ctephanie Cassioppi Inited States Cellul Inited Sta		
<u>Authorize</u>	d Agent Information if no agent, indicate in this box			
<130>	Name (First, MI, Last, Suffix)			
<131>	Company			
<132>	Street Address (or PO Box)			
<133>	City			
<134>	State			
<135>	Zip-Code			
<136>	Telephone Number			
<137>				
	Fax Number			
<138>	Email Address			

FCC Form 690
Ap proved by OMB
OMB Control No. 3060-1185
Page 3 of 8

<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

108001\_CPRd\_ME.zip, 108001\_CPRe\_f.zip, 108001\_covered\_roads\_undriveable\_roads.zip

Coverage and Performace attachments

<b1> <b2> <141> <a1> <a2> <a3> <b3> <c1> <c2> <c3> <d> Total Road Certify that Road Miles per Road Miles Coverage and Resident Total Resident Miles Census covered Performance data Resident Population Population рег Block per is uploaded Newly Reached Population per Reached by Census Newly Census (Yes/no) by Service Census Block Census Block Service Block Reached Block State County -- \$ee attached worksheet

Percentage of Total
Population Reached by
Service

Percentage of Total
Road Miles covered
by Service

(070) Urban Rate Comparability Certification Compliance			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 4 of 8
<010>	Study Area Code	108001	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.	
<039>	* Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

Certification of Officer or Employee as to Compliance with 47 CFR §54.1009(a)(4)			
certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.			
Name of Reporting Carrier: Unit	ed States Cellular Corp	oration	
Signature of Authorized Officer:	CERTIFIED ONLINE		Date 06/20/2016
Printed name of Authorized Officer:	John Gockley		
Title or position of Authorized Officer:	VP-Legal and Regulato	ory Affairs	
Telephone number of Authorized Officer:	7738643167 ext		
Study Area Code of Reporting Carrier:	108001	Filing Due Date for this form: 07/0	01/2016
Persons willfully making false statemen		by fine or forfeiture under the Communications Act of the 18 of the United States Code, 18 U.S.C. § 1001.	1934, 47 U,S,C, §§ 502, 503(b), or fine or imprisonment

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize an Agent to file Compli	ance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting
carrier. I also certify that I am an officer or employee of the reporting carrier; my responsib	
authorized agent; and, to the best of my knowledge, the reports and data provided to the au	thorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer or Employee:	Date:
Printed name of Authorized Officer or Employee:	
Title or position of Authorized Officer or Employee:	
Telephone number of Authorized Officer or Employee:	
Study Area Code of Reporting Carrier: Filing Due	Date for this form:
Persons willfully making false statements on this form can be punished by fine or forfeiture unde under Title 18 of the United States	

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authoriz	to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
l, as agent for the reporting carrier, certify that I am authori data provided by the reporting carrier; and, to the best of m	to submit the certification on behalf of the reporting carrier; I have provided the data reported herein based on nowledge, the information reported herein is accurate.
Name of Reporting Carrier:	
Name of Authorized Agent Firm:	
Signature of Authorized Agent or Employee of Agent:	Date:
Name of Authorized Agent Employee:	
Title or position of Authorized Agent or Employee of Agent	
Telephone number of Authorized Agent or Employee of Agen	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form can	punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

Y .	al Lands Reporting	Ap On	C Form 690 proved by OMB MB Control No. 3060-1185 ge 5 of 8
<010>	Study Area Code	108001	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this da	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in		
<039>	Contact Email Address - Email Address of person identified in		
<142>	State		
			¥
<143>	County		
<144>	Tribal Land(s) on which ETC Serves		
	·		
<145>	Tribal Government Engagement Obligation  Nam	Attached Document (.pdf)	
<145>	Li-	Applicable) for	
<145> <146> <147> <148>	If your company serves Tribal lands, please select (Yes, No, No each of these boxes to confirm the status described on the at PDF, on line 145, demonstrates coordination with the Tribal	Applicable) for hed  Select (Yes, No, Not Applicable)	
<146> <147>	If your company serves Tribal lands, please select (Yes, No, No each of these boxes to confirm the status described on the at PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:  Needs assessment and deployment planning with a focus on community anchor institutions; Feasibility and sustainability planning;	Applicable) for hed  Select (Yes, No, Not Applicable)	

<151> Compliance with Facilities Siting rules

<153>

<154>

<152> Compliance with Environmental Review processes

Compliance with Cultural Preservation review processes

Compliance with Tribal Business and Licensing requirements.

90) Project	t Update Information	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 6 of 8
<010>	Study Area Code	108001
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<200>	Date Authorized to Receive Support	06/24/2013
<201>	Targeted Completion Date	10/15/2015
<202>	Total Mobility Fund Support Awarded	
<203>	Total Mobility Fund Support Disbursed	
<210>	Actual Completion Date	10/15/2015
<211>	Project Status Description (attached)	108001ME211.pdf
<212>	Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.  Status of Network Deployment - Network Design	{Name of PDF attached}
<213>	Status of Network Deployment - Construction	
<214>	Status of Network Deployment - Deployment	
<215>	Status of Network Deployment - Maintenance	
<216>	Project Budget Status	1
<217>	Project Plan Status	<b>✓</b>
<218>	Network will Support 3G/4G Mobile Service ?	) 3G

Stephanie.Cassioppi@USCellular.com

(101) Cert	ification - Reporting Carrier	FCC Form 690 Approved by OMB OMB Control No. 3060-118 Page 7 of 8	85
<010>	Study Area Code	108001	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext,	

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Contact Email Address - Email Address of person identified in data line <030>

<039>

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients  Certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.			
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/20/2016		
Printed name of Authorized Officer: John Gockley			
itle or position of Authorized Officer: VP-Legal and Regulatory I	Affairs		
elephone number of Authorized Officer: 7738643167 ext.			
tudy Area Code of Reporting Carrier: 108001	Filing Due Date for this form: 07/01/2016		
, -	d by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment itle 18 of the United States Code, 18 U.S.C. § 1001.		

	Approved by OMB OMB Control No. 3060-1185 Page 8 of 8
10> Study Area Code	108001
15> Study Area Name	United States Cellular Corporation
20> Program Year	2016
30> Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
35> Contact Telephone Number - Number of person identified in data line <0	030> 6302013501 ext.
39> Contact Email Address - Email Address of person identified in data line <0	030> Stephanie, Cassioppi@USCellular.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

certify that (Name of Agent) is authorized to submit the information reported on behalf of the reporting carrier. also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.				
Name of Authorized Agent:				
Name of Reporting Carrier:				
Signature of Authorized Officer:	Date:			
Printed name of Authorized Officer:				
Title or position of Authorized Officer:				
Telephone number of Authorized Officer:				
Study Area Code of Reporting Carrier:	Filing Due Date for this form:			
Persons willfully making false statements on this form can b	unished by fine or forfeiture under the Communications Act of 1934, 47 U <sub>i</sub> S.C. §§ 502, 503(b), or fine or imprisonment of the United States Code, 18 U.S.C. § 1001.			

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Auth	orized to File for Mobility Fund Recipients on Behalf of R	eporting Carrier		
	thorized to submit the reports for Mobility Fund recipients on beha ig carrier; and, to the best of my knowledge, the information repor			
Name of Reporting Carrier:				
Name of Authorized Agent Firm:				
Signature of Authorized Agent or Employee of Agent: Date:				
Name of Authorized Agent Employee:				
Title or position of Authorized Agent or Employee of Age	ent			
Telephone number of Authorized Agent or Employee of	Agent:			
Study Area Code of Reporting Carrier:	Filing Due Date for this form:			
Persons willfully making false statements on this for	m can be punished by fine or forfeiture under the Communications Act of 19 18 of the United States Code, 18 U.S.C. § 1001.	934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title		

**Attachments** 

(060) Coverage and Performance Report

FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	108001
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 11/2015

<141>

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
ME	Washington	230299553002113	0	0	0	0.07	0.07	0.07	Yes
ME	Wasnington	230299553002076	0	0	0	0.65	0.65	0.65	Yes
ME	Washington	230299553002077	0	0	0	0.02	0.02	0.02	Yes
ME	Washington	230299553002034	0	0	0	0.08	0.08	0.08	Yes
ME	washingcon	230299553002110	0	0	0	0.46	0.46	0,46	Yes
ME	Wasnington	230299553002023	0	0	0	0.02	0.02	0.02	Yes
ME	Washington	230299553002111	О	0	0	0.49	0.49	0149	Yes
ME	Washington	230299553002006	0	0	0	1.56	1,56	1,56	Yes
ME	Washington	230299553002037	0	0	0	0.09	0.09	0.09	Yes
ME	wasningcon	230299553002032	0	0	0	0.22	0.22	0.22	Yes
ME	Washington	230299553002049	0	0	0	0.06	0.06	0.06	Yes
ME	Washington	230299553002070	0	0	0	0.19	0.19	0.19	Yes
ME	Washington	230299553002112	0	0	0	0.41	0.41	0.41	Yes
ME	Washington	230299553002067	0	0	0)	0.13	0.13	0.13	Yes
ME	Washington	230299553002028	0	0	0	0.24	0.24	0.24	Yes
ME		230299553002078	0	0	0	0.03	0.03	0.03	Yes
ME	Washington	230299553002072	О	0	0	0.95	0.95	0.95	Yes
ME	Washington	230299553002031	o	0	0	1,41	1.41	1.41	Yes
ME	Washington	230299553002043	0	0	0	1,74	1.74	1.74	Yes
ME	washington	230299553001043	0	0	0	0.71	0.71	0.71	Yes

Percentage of Total Population Reached by Service 0

Percentage of Total Road Miles covered by Service

100

(060) Coverage and Performance Report

FCC Form 690

Approved by OMB

OMB Control No. 3060-1185

<010>	Study Area Code	108001
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 11/2015

<a3> <b1> <b2> <b3> <c1> <c2> <c3> <d> <a1> <a2> Certify that **Total Road** Coverage and Resident Total Resident Road Miles Miles Performacne per Census Population Population **Road Miles** Resident covered per data is uploaded Population per **Newly Reached** Reached by per Census **Block Newly** Census Block (yes/no) by Service Service Reached Census Block Census Block Block State County Washington 230299553002033 ME 0.02 Yes 0.02 0.02 Washington 230299553002118 ME 0 0.05 0.05 0.05 Washington 230299553002075 1.22 Yes Ω 0 ME 1.22 1.22 washington 230299553001047 0.15 0.15 ME 0 0.15 Yes 230299553002065 0.97 0 0 ME 0.97 0,97 Yes 230299553002050 1,01 ΜE 0 1,:1 1.01 vashington 230299553002047 0 0.07 ME 0.07 0.07 Yes washington 230299553002038 Yes 2.57 ME 0 0 2.57 2.57 washington 230299553002064 ME 2.62 2,62 2.62 Yes 230299553002035 0.37 0.37 0 0 ME 0.37 Yes washington 230299553002074 0 0 0,18 0,18 Yes ME 0.18 Washington 230299553002114 0.04 0.04 0 0 0 ME 0.04

> Percentage of Total Population Reached by Service

<141>

0

Percentage of Total Road Miles covered by Service 100

#### FCC Form 690

#### Mobility Fund Phase 1 - §54.1009 Annual Reporting

Line 041: Description of documents filed with Form 481 SAC 109002

The documents filed with FCC Form 481 for SAC 109002 for Submission Year 2017 include:

- 109002ME310 Unfulfilled Service Requests (voice) Detail on Attempts
- 109002ME510 Service Quality Standards & Consumer Protection Rules Compliance
- 109002ME610 Functionality in Emergency Situations
- 109002ME920 Tribal Government Engagement Obligation

# FCC Form 690 Line 211: PROJECT STATUS DESCRIPTION Project Description and Statement of Technical Feasibility Winning Bid Census Tract No. T23029955300 (Washington, ME) SAC 108001

**Total Bid Amount: \$526,502.08** 

#### I. Project Summary

United States Cellular Corporation ("U.S. Cellular") currently provides wireless services in Maine. U.S. Cellular operates a 3G/4G wireless voice and data network incorporating state-of the-art technologies including CDMA and 4G LTE (Long Term Evolution). For this particular winning bid census tract, U.S. Cellular constructed existing cell sites and overlay existing cell sites in order to provide coverage to the unserved qualifying roads in the eligible census blocks within the winning bid census tract.

U.S. Cellular uses 4G LTE technology to provide the required service. LTE incorporates Multiple In Multiple Out (MIMO) technology, the Orthogonal Frequency Division Multiple Access (OFDMA) air interface in the downlink and Single Carrier FDMA in the uplink. This combination provides high levels of spectral efficiency and network performance, coupled with high network capacity and low latency

Installation of new cell sites and the overlay of LTE on existing cell sites will enable U.S. Cellular to meet its public interest obligations to provide rural citizens with access to advanced telecommunications and information technologies that are reasonably comparable to those available in urban areas. U.S. Cellular has identified areas that lack high-quality coverage, that

is, dead zones where citizens have inconsistent access to wireless network signals or where coverage is insufficient to allow mobile usage without dropped calls.

Use of support from Auction 901 will permit U.S. Cellular improve and expand coverage, and to cover operating and maintenance expenses expected in remote areas that are not expected to be cash flow positive for many years, if ever. In many areas where U.S. Cellular currently serves, consumers have access to data speeds that are insufficient to stream high quality video and transmit large files without significant delay. Installation of 4G service will significantly increase data speeds, well in excess of the 4/1 throughput requirement.

This will serve the public interest by allowing consumers to make more efficient use of high speed products and services, including smart phone devices, providing access to a wide variety of software applications. In every area where coverage is improved, rural citizens will see significant public safety benefits, as access to 911, E-911 and other important communications are all facilitated by improved connectivity in a mobile environment.

#### II. Project Timeline

MILESTONES	START	<u>END</u>
1. Network Design		
2. Drafting, Posting of RFPs if applicable		
3. Vendor Selection		
Contract Negotiation if applicable		
5. Construction		
6. Meeting requirements for \$\$ Installments		-
a.1st disbursement - upon award, no other requirements		6/15/2013
b. 2nd disbursement -		
i. report demonstrating 50% road miles covered		n/a
ii. 2nd LOC or increase to initial LOC to cover		
disbursement amount		n/a
c. 3rd/final disbursement -		
i. report demonstrating 75% road miles covered (3yrs		
for 4G)		*

U.S. Cellular has completed a preliminary network design, which has informed its bidding strategy. U.S. Cellular has also completed its network design and budget, based on the then-current status of its network and then-current costs associated with purchasing the necessary equipment. U.S. Cellular employs radio-frequency engineers, as well as consulting engineers, to develop a final network design plan.

U.S. Cellular has completed its construction project, and has installed equipment needed to upgrade its backhaul and network core facilities, so that all new network equipment that is installed is capable of providing service immediately.

Construction, installation and testing is complete and the actual date of network deployment was \_\_\_\_\_\_. The information provided in this 690 filing for final disbursement proves that U.S. Cellular has achieved 75% or greater coverage, actually coverage. The final disbursement should be \_\_\_\_\_\_, which, with the first disbursement of equals \_\_\_\_\_\_ or \_\_\_\_% of the total bid amount of \$526,502.08.

#### III. Statement of Technical Feasibility

These network deployments and improvements are all technically feasible because they represent an extension of U.S. Cellular's existing network, which has been providing service for a number of years. The projected cost of U.S. Cellular's project plan and necessary operating and maintenance expenses exceed the amount of Auction 901 support that it will receive, and the company invested the additional capital needed to complete the project. It has undertaken a financial analysis of the technical feasibility of meeting the FCC's coverage requirements and based on that analysis, it has determined that the combination of support and internally generated capital will be sufficient.

U.S. Cellular understands that the FCC's Auction 901 funding commitment is limited to the winning bid amount, and that U.S. Cellular will be responsible for providing additional internally generated capital, if needed, to meet the Commission's coverage and service requirements.

U.S. Cellular has successfully rolled out 4G LTE service in much of its existing network.

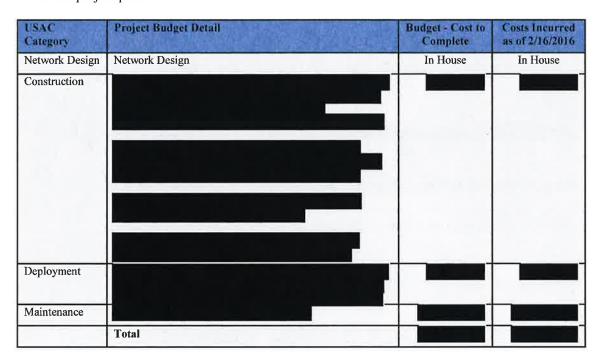
U.S. Cellular has familiarity with the challenges of deploying 4G technology as well as established relationships with equipment and handset vendors. U.S. Cellular understands the challenges of deploying a high-speed data network in a rural area and is fully confident that the technology it has chosen is technically feasible and that it has the necessary expertise to deploy a technically capable network solution that meets the FCC's coverage and throughput requirements.

U.S. Cellular has purchased peripheral technologies such as battery back-ups and diesel generators to ensure that its new network equipment is sufficiently hardened to withstand natural and man-made disasters.

#### IV. Budget and Actual Spending Breakdown

Census Tract	County/State	Bid	Project Budget Total
T23029955300	Washington, ME	\$526,502.08	

The following list compares the budget to actual costs incurred as of December 31, 2013 for the activities in the project plan.



The projected build plan set forth above, including costs and timeframes, are good-faith estimates based on current information and subject to change, depending on a variety of factors such as but not limited to terrain, zoning or other restriction on land usage, weather, and equipment availability from the selected vendors.

	Fund §54.1009 Annual Reporting lection Form	FCC Form Approved by OMB OMB 3060-1185 Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Area Code	108002
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name: Person USAC should contact with questions about this data	Stephanie Cassioppi
<035>	Contact Telephone Number: Number of the person identified in data line <030>	6302013501 ext.
<039>	Contact Email: Email of the person identified in data line <030>	Stephanie, Cassioppi@USCellular.com
<040>	Has the information required pursuant to §54.1009	been provided with a Form 481 filing (Y/N) <040>
	<041> Attach a description of the documents file	ed with the Form 481 reporting <041> 108002ME041.pdf
	<042> Cite the Study Area Code (SAC) for the Fo	rm 481 reporting <042> 109002
<080>	Tribal Lands Reporting (y/n?) (Does this study area cover	er tribal lands? Yes or No)

#### Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

osoj cai	rier Contact Form			FCC Form 690 Approved by OMB OMB Control No. 3060-118! Page 2 of 8
<010>	Study Area Code		108002	
<015>	Study Area Name		United States Cellular Corporation	
<020>	Program Year		2016	
<030>	Contact Name - Person USAC should contact regarding t		Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identifi		6302013501 ext.	
<039>	Contact Email Address - Email Address of person identif	ed in data line <u3u></u3u>	Stephanie.Cassioppi@USCellular.com	_
Reportin	g Carrier / Mobility Fund Phase 1 Winning Bidder			
<110>	FCC Registration Number	4372322		
<111>	Filing Carrier Name	United States Cellul	ar Corporation	
<112>	Winning Bidder Carrier Name	United States Cellul	ar Corporation	
<113>	Street Address (or PO Box)	8410 W. Bryn Mawr		
<114>	City	Chicago		
<115>	State	IL		
<116>	Zip-Code	60631		
<117>	Telephone Number	6302013501 ext		
<118>	Fax Number			
<119>	Email Address	7733998959		
<120> <121> <122> <123> <124> <125> <126>	Name (First, MI, Last, Suffix) Filing Carrier Name Street Address (or PO Box) City State Zip-Code Telephone Number	Stephanie.Cassioppiet United States Cellula 8410 W Bryn Mawr Chicago IL 60631		,
<127>	Fax Number	7733998959		
<127> <128>	Fax Number Email Address ed Agent Information		JSCellular.com	
<127> <128>	Email Address	7733998959	JSCellular.com	
<127> <128>	Email Address  ed Agent Information	7733998959	OSCellular.com	
<127> <128> uthorize	Email Address  Ed Agent Information  if no agent, indicate in this box	7733998959	DSCellulary.com	
<127> <128>  uthorize <130>	Email Address  and Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)	7733998959	DSCellular.com	
<127> <128>  uthorize <130> <131> <132>	Email Address  2d Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)	7733998959	USCellular.com	
<127> <128>  uthorize <130> <131> <132> <133>	Email Address  Ed Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)  City	7733998959	JSCellular.com	
<127> <128>  uthorize <130> <131> <132> <133> <134>	Email Address  and Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)  City  State	7733998959	JSCellular.com	
<127> <128>  uthorize  <130> <131> <132> <133> <134> <135>	Email Address  2d Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)  City  State  Zip-Code	7733998959	JSCellular.com	
<127> <128>  uthorize  <130> <131> <132> <133> <134> <135> <136>	Email Address  2d Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)  City  State  Zip-Code  Telephone Number	7733998959	JSCellular.com	
<127> <128> Authorize <130> <131> <132> <133> <134> <135>	Email Address  2d Agent Information  if no agent, indicate in this box  Name (First, MI, Last, Suffix)  Company  Street Address (or PO Box)  City  State  Zip-Code	7733998959	OSCellular.com	

(060) Coverage and Performance Report	FCC Form 690
	Ap proved by OMB
	OMB Control No. 3060-1185
	Page 3 of 8

<010>	Study Area Code	108002
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie_Cassioppi@USCellular_com
<140>	Coverage and Performance Report Year 01/2015 - 12/2015	

108002\_CPRd\_ME.zip, 108002\_CPRe\_f\_ME.zip, 108002\_covered\_roads\_uncriveable\_roads.zip

Coverage and Performace attachments

<a3> <141> <a2> <b2> <a1> <b1> <b3> <c1> <c2> <c3> <d> Total Road Certify that Road Miles per Miles Coverage and Road Resident Total Resident Miles Census covered Performance data Resident Population Population per Block per is uploaded Population per Newly Reached Reached by Census Newly Census (Yes/no) State County Census Block Census Block by Service Service Block Reached Block -- \$ee attached worksheet

Percentage of Total
Population Reached by
Service

Percentage of Total Road Miles covered by Service 100

(070) Urban Rate Comparability Certification Compliance			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 4 of 8
<010>	Study Area Code	108002	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext,	
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

C	Certification of Officer o	or Employee as to Compliance with 47 CFR §54.100	09(a)(4)	
certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this formand in any attachments is accurate.				
Name of Reporting Carrier: Unit	ed States Cellular Cor	rporation		
Signature of Authorized Officer:	CERTIFIED ONLINE		Date 06/20/2016	
Printed name of Authorized Officer:	John Gockley			
Title or position of Authorized Officer:	VP-Legal and Regulat	tory Affairs		
Telephone number of Authorized Officer:	7738643167 ext			
Study Area Code of Reporting Carrier:	108002	Filing Due Date for this form: 07/01/2016		
Persons willfully making false statemen		ed by fine or forfeiture under the Communications Act of 1934, 47 Title 18 of the United States Code, 18 U.S.C. § 1001.	' U.S.C. §§ 502, 503(b), or fine or imprisonment	

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to autho	orize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
I certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting
	reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the
authorized agent; and, to the best of my knowledge, the repo	orts and data provided to the authorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer or Employee:	Date:
Printed name of Authorized Officer or Employee:	
Title or position of Authorized Officer or Employee:	
Telephone number of Authorized Officer or Employee:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:
Persons willfully making false statements on this form can be	e punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authori	to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier	
I, as agent for the reporting carrier, certify that I am author data provided by the reporting carrier; and, to the best of r	to submit the certification on behalf of the reporting carrier; I have provided the data repor nowledge, the information reported herein is accurate.	ted herein based on
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent:	Date:	
Name of Authorized Agent Employee:		
Title or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Age		
Study Area Code of Reporting Carrier:	Filing Due Date for this form	
Persons willfully making false statements on this form car	punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine o Title 18 of the United States Code, 18 U.S.C. § 1001.	r imprisonment under

080) Triba	al Lands Reporting			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 5 of 8
<010>	Study Area Code		108002	
<015>	Study Area Name		United States Cellular Corp	oration
<020>	Program Year		2016	
<030>	Contact Name - Person USAC should contact regarding to		Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identifi		٥.	
<039>	Contact Email Address - Email Address of person identif	ied in data line <030	J> Stephanie Cassioppi@USCellu	lar.com
<142>	State			
<143>	County			
			iii.	
<144>	Tribal Land(s) on which ETC Serves	<del>-</del>		
				Ť
<145>	Tribal Government Engagement Obligation	Name of Attached Doo	cument (.pdf)	
	If your company serves Tribal lands, please select (Yes, leach of these boxes to confirm the status described on PDF, on line 145, demonstrates coordination with the T	the attached	for	
	government pursuant to § 54.1004 includes:			
		Γ	Select	
		c	Yes, No, Not Applicable)	
<146>	Needs assessment and deployment planning with a foc community anchor institutions;		,,	
<147>	Feasibility and sustainability planning;			
<148>	Marketing services in a culturally sensitive manner;			
<149>	Compliance with Rights of way processes			
<150>	Compliance with Land Use permitting requirements	-		
		-		
<151>	Compliance with Facilities Siting rules	_		
<152>	Compliance with Environmental Review processes			
<153>	Compliance with Cultural Preservation review processes	s		

<154> Compliance with Tribal Business and Licensing requirements.

(090) Project	Update Information	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 6 of 8
<010>	Study Area Code	108002
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie_Cassioppi@USCellular.com
<200> <201> <202> <203>	Date Authorized to Receive Support  Targeted Completion Date  Total Mobility Fund Support Awarded  Total Mobility Fund Support Disbursed	06/24/2013
<210> <211>	Actual Completion Date  Project Status Description (attached)	108002ME211.pdf
<212><213><214><215><216><217>	Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.  Status of Network Deployment - Network Design Status of Network Deployment - Construction Status of Network Deployment - Deployment Status of Network Deployment - Maintenance Project Budget Status Project Plan Status	{Name of PDF attached}
<218>	Network will Support 3G/4G Mobile Service ?	) 3G <b>(</b> 4G

(101) Certification - Reporting Carrier	FCC Form 690
	Approved by OMB
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	Page 7 of 8

<010>	Study Area Code	108002
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients			
I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.			
Name of Reporting Carrier: United States Cellular Corporation			
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/20/2016		
Printed name of Authorized Officer: John Gockley			
Title or position of Authorized Officer: VP-Legal and Regulatory Affairs			
Telephone number of Authorized Officer: 7738643167 ext.			
Study Area Code of Reporting Carrier: 108002 Filing Due Date for this form:	07/01/2016		
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communication			

06/03/2016 Page 7

(102) Cer	tification - Agent / Carrier	FCC Form 690 Approved by OMB OMB Control No. 3060-1185
<010>	Study Area Code	Page 8 of 8
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016

Stephanie Cassioppi

Stephanie.Cassioppi@USCellular.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

<035> Contact Telephone Number - Number of person identified in data line <030> 6302013501 ext.
<039> Contact Email Address - Email Address of person identified in data line <030> stephanie.Cassi

<030> Contact Name - Person USAC should contact regarding this data

Certification of Officer to Authorize an Agent to File for Mobility Fund Recipients on Behalf of Reporting Carrier			
certify that (Name of Agent) is authorized to submit the information reported on behalf of the reporting carr also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.			
Name of Authorized Agent:			
Name of Reporting Carrier:			
Signature of Authorized Officer:		Date:	
Printed name of Authorized Officer:			
Title or position of Authorized Officer:			
Telephone number of Authorized Officer:			
Study Area Code of Reporting Carrier:	Filing Due Date for this form:		
Persons willfully making false statements on this form can	be punished by fine or forfeiture under the Communications Act of 1934, 4 under Title 18 of the United States Code, 18 U.S.C. § 1001.	7 U.S.C. §§ 502, 503(b), or fine or imprisonment	

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Author	orized to File for Mobility Fund Recipients on Behalf of R	eporting Carrier
	horized to submit the reports for Mobility Fund recipients on behing carrier; and, to the best of my knowledge, the information repo	
lame of Reporting Carrier:		
lame of Authorized Agent Firm:		
ignature of Authorized Agent or Employee of Agent:		Date:
lame of Authorized Agent Employee:		
"tla	nt	
itle or position of Authorized Agent or Employee of Age		
itle or position of Authorized Agent or Employee of Age elephone number of Authorized Agent or Employee of A	Agent:	

**Attachments** 

(060) Coverage and Performance Report FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	108002
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 12/2015

<141>

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
ME	Washington	230299557001084	1	1	1	0.07	0.07	0.07	Yes
ME	Washington	230299557001083	0	0	0	0.07	0.07	0.07	Yes
ME	Washington	230299557001065	3	3	3	0.18	0.18	0,18	Yes
ME	Washington	230299557001085	0	0	0	0.05	0.05	0.05	Yes
ME	washingcon	230299557001111	0	0	0	0.06	0,06	0.06	Yes
ME	washington	230299557001088	21	21	21	0.11	0.11	0.11	Yes
ME	Washington	230299557001082	o	0	0	0.09	0.09	0.09	Yes
ME	Washington	230299557001063	21	21	21	0.29	0.29	0.29	Yes
ME	Washington	230299557001003	26	26	26	0.32	0.32	0.32	Yes
ME	washington	230299557001005	5	5	5	0.2	0.2	0 . 2	Yes
ME	Washington	230299557001087	22	22	22	0.2	0.2	0.2	Yes
ME	Washington	230299557001093	4	4	4	0.12	0.12	0,12	Yes
ME	Washington	230299557001090	4	4	4	0.14	0.14	0.14	Yes
ME	Washington	230299557001086	0	0	0	0.05	0.05	0.05	Yes
ME	Washington	230299557001096	12	12	12	0.14	0.14	0.14	Yes
ME	Washington	230299557001092	12	12	12	0.15	0.15	0.15	Yes
ME	Washington	230299557001089	32	32	32	0.11	0.11	0.11	Yes

Percentage of Total Population Reached by Service

100

Percentage of Total Road Miles covered by Service

100

#### FCC Form 690

#### Mobility Fund Phase 1 - §54.1009 Annual Reporting

Line 041: Description of documents filed with Form 481 SAC 109002

The documents filed with FCC Form 481 for SAC 109002 for Submission Year 2017 include:

- 109002ME310 Unfulfilled Service Requests (voice) Detail on Attempts
- 109002ME510 Service Quality Standards & Consumer Protection Rules Compliance
- 109002ME610 Functionality in Emergency Situations
- 109002ME920 Tribal Government Engagement Obligation

# FCC Form 690 Line 211: PROJECT STATUS DESCRIPTION For both PAYMENT 2 AND PAYMENT 3

Project Description and Statement of Technical Feasibility
Winning Bid Census Tract No. T23029955700 (Washington, ME)
SAC 108002

**Total Bid Amount: \$97,579.05** 

#### I. Project Summary

United States Cellular Corporation ("U.S. Cellular") currently provides wireless services in Maine. U.S. Cellular operates a 3G/4G wireless voice and data network incorporating state-of the-art technologies including CDMA and 4G LTE (Long Term Evolution). For this particular winning bid census tract, U.S. Cellular constructed LTE cell site in order to provide coverage to the unserved qualifying roads in the eligible census blocks within the winning bid census tract.

U.S. Cellular uses

4G LTE technology to provide the required service. LTE incorporates Multiple In Multiple Out (MIMO) technology, the Orthogonal Frequency Division Multiple Access (OFDMA) air interface in the downlink and Single Carrier FDMA in the uplink. This combination provides high levels of spectral efficiency and network performance, coupled with high network capacity and low latency

4G LTE.

Installation of the new cell site will enable U.S. Cellular to meet its public interest obligations to provide rural citizens with access to advanced telecommunications and

information technologies that are reasonably comparable to those available in urban areas. U.S. Cellular has identified areas that lack high-quality coverage, that is, dead zones where citizens have inconsistent access to wireless network signals or where coverage is insufficient to allow mobile usage without dropped calls.

Use of support from Auction 901 will permit U.S. Cellular improve and expand coverage, and to cover operating and maintenance expenses expected in remote areas that are not expected to be cash flow positive for many years, if ever. In many areas where U.S. Cellular currently serves, consumers have access to data speeds that are insufficient to stream high quality video and transmit large files without significant delay. Installation of 4G service will significantly increase data speeds, well in excess of the 4/1 throughput requirement.

This will serve the public interest by allowing consumers to make more efficient use of high speed products and services, including smart phone devices, providing access to a wide variety of software applications. In every area where coverage is improved, rural citizens will see significant public safety benefits, as access to 911, E-911 and other important communications are all facilitated by improved connectivity in a mobile environment.

#### II. Project Timeline

MILESTONES	START	END
1. Network Design		
2. Drafting, Posting of RFPs if applicable		
3. Vendor Selection		
4. Contract Negotiation if applicable		
5. Construction		
6. Meeting requirements for \$\$ Installments	*	
a.1st disbursement - upon award, no other requirements		6/15/2013
b. 2nd disbursement -		
i. report demonstrating 50% road miles covered		
ii. 2nd LOC or increase to initial LOC to cover disbursement amount		
c. 3rd/final disbursement -		
i. report demonstrating 75% road miles covered (3yrs		11
for 4G)		

#### NOTE: BOTH PAYMENT 2 AND FINAL PAYMENT 3 ARE REQUESTED WITH THIS FILING

U.S. Cellular has completed a preliminary network design, which has informed its bidding strategy. U.S. Cellular has also completed its network design and budget, based on the then-current status of its network and then-current costs associated with purchasing the necessary equipment. U.S. Cellular employs radio-frequency engineers, as well as consulting engineers, to develop a final network design plan.

U.S. Cellular has completed its construction project, and has installed equipment needed to upgrade its backhaul and network core facilities, so that all new installed network equipment is capable of providing service immediately.

Construction, installation and testing is complete and the actual date of network deployment was The information provided in this 690 filing for final

disbursement proves that U.S. Cellular has achieved 75% or greater coverage, actually coverage. The final disbursement should be with the first disbursement of of the total bid amount of \$97,579.05.

#### III. Statement of Technical Feasibility

These network deployments and improvements are all technically feasible because they represent an extension of U.S. Cellular's existing network, which has been providing service for a number of years. The cost of U.S. Cellular's project plan and necessary operating and maintenance expenses exceeded the amount of Auction 901 support that it will receive, and the company invested the additional capital needed to complete the project. It has undertaken a financial analysis of the technical feasibility of meeting the FCC's coverage requirements and based on that analysis, it determined that the combination of support and internally generated capital was sufficient.

U.S. Cellular understands that the FCC's Auction 901 funding commitment is limited to the winning bid amount, and that U.S. Cellular will be responsible for providing additional internally generated capital, if needed, to meet the Commission's coverage and service requirements.

U.S. Cellular has successfully rolled out 4G LTE service in parts of its existing network.

U.S. Cellular has familiarity with the challenges of deploying 4G technology as well as established relationships with equipment and handset vendors. U.S. Cellular understands the challenges of deploying a high-speed data network in a rural area and is fully confident that the technology it has chosen is technically feasible and that it has the necessary expertise to deploy a

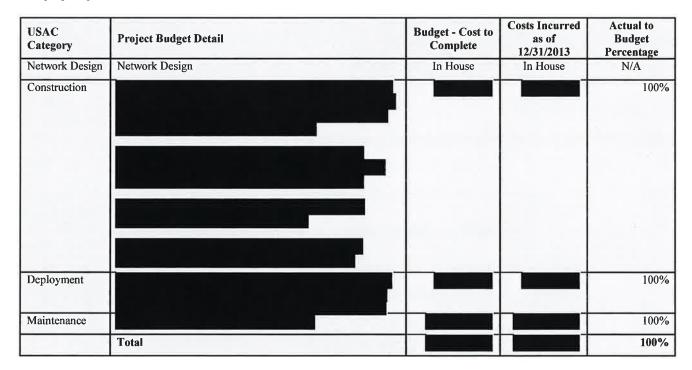
technically capable network solution that meets the FCC's coverage and throughput requirements.

U.S. Cellular has purchased peripheral technologies such as battery back-ups and diesel generators to ensure that its new network equipment is sufficiently hardened to withstand natural and man-made disasters.

#### IV. Budget and Actual Spending Breakdown

Census Tract	County/State	Bid	Project Budget Total
T23029955700	Washington, ME	\$97,579.05	

The following list compares the budget to actual costs incurred as of xx/xx/2015 for the activities in the project plan.



	Fund §54.1009 Annual Reporting lection Form		FCC Form Approved by OMB OMB 3060-1185 Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Area Code	108003	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name: Person USAC should contact with questions about this data	Stephanie Cassioppi	
<035>	Contact Telephone Number: Number of the person identified in data line <030>	6302013501 ext.	
<039>	Contact Email: Email of the person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	
<040>	Has the information required pursuant to §54.100	9 been provided with a Form 481 filing (Y/N	<u>u)</u> <040>
	<041> Attach a description of the documents f	filed with the Form 481 reporting	<041> 108003ME041,pdf
	<042> Cite the Study Area Code (SAC) for the F	Form 481 reporting	<042> 109002
<080>	Tribal Lands Reporting (y/n?) (Does this study area co	over tribal lands? Yes or No)	$\circ$

#### Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements) Notice to Individuals Required by the Paperwork Reduction Act of 1995

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THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

)50) Cai	rier Contact Form	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 2 of 8
<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding	
<035>	Contact Telephone Number - Number of person identif	
<039>	Contact Email Address - Email Address of person identif	fied in data line <030> stephanie.Cassioppi@USCellular.com
portin	Carrier / Mobility Fund Phase 1 Winning Bidder	
<110>	FCC Registration Number	4372322
<111>	Filing Carrier Name	United States Cellular Corporation
<112>	Winning Bidder Carrier Name	United States Cellular Corporation
<113>	Street Address (or PO Box)	8410 W. Bryn Mawr
<114>	City	Chicago
<115>	State	IL
<116>	Zip-Code	60631
<117>	Telephone Number	
<118>	Fax Number	6302013501 ext.
<119>	Email Address	7733998959
		Stephanie, Cassioppi@USCellular.com
<120> <121> <122> <123> <124> <125> <126>	if same as above, indicate in this box  Name (First, MI, Last, Suffix)  Filing Carrier Name  Street Address (or PO Box)  City  State  Zip-Code  Telephone Number	Stephanic Cassioppi United States Cellular Corporation  8410 W Bryn Mawr Chicago IL 60631 6302013501 ext.
<127>	Fax Number	7733998959
<128>	Email Address	Stephanie, Cassioppi@USCellular.com
uthorize	d Agent Information if no agent, indicate in this box	
~13As	Name / Circt MI Last Cuffin	
	Name (First, MI, Last, Suffix)	
<131>	Company	
<131> <132>	Company Street Address (or PO Box)	
<131> <132> <133>	Company	
<131> <132> <133>	Company Street Address (or PO Box)	⊗ <sub>4</sub>
<131> <132> <133> <134>	Company Street Address (or PO Box) City	8.
<130> <131> <132> <133> <134> <135> <136>	Company Street Address (or PO Box) City State	Ø.
<131> <132> <133> <134> <135>	Company Street Address (or PO Box) City State Zip-Code	e. -

(060) Coverage and Performance Report	FCC Form 690
	Ap proved by OMB
	OMB Control No. 3060-1185
	Page 3 of 8

<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie,Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year 01/2015 - 12/2015	

108003\_CPRd\_ME.zip, 108003\_CPRe\_f\_ME.zip, 108003\_covered\_roads\_undriveable\_roads.zip

Coverage and Performace attachments

<141>	<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d></d>
	State	County		Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performance data is uploaded (Yes/no)
				9	ee attach	ed worksl	neet			

Percentage of Total
Population Reached by
Service

Percentage of Total
Road Miles covered
by Service



(070) Url	oan Rate Comparability Certification Compliance		FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 4 of 8
<010>	Study Area Code	108003	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	

## TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

	Certification of Officer o	or Employee as to Compliance with 47	CFR §54.1009(a)(4)	
I certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.				
Name of Reporting Carrier: Unit	ed States Cellular Cor	poration		
Signature of Authorized Officer:	CERTIFIED ONLINE		Date 06/20/2016	
Printed name of Authorized Officer:	John Gockley			
Title or position of Authorized Officer:	VP-Legal and Regulat	ory Affairs		
Telephone number of Authorized Officer:	7738643167 ext			
Study Area Code of Reporting Carrier:	108003	Filing Due Date for this form:	07/01/2016	
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.				

## TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

Certification of Officer or Employee to authorize an Agent to file Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier			
certify that (Name of Agent)	certify that (Name of Agent)is authorized to submit the information reported on behalf of the reporting		
carrier. I also certify that I am an officer or employee of the reporting carrie	r; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the		
authorized agent; and, to the best of my knowledge, the reports and data pr	ovided to the authorized agent is accurate.		
Name of Authorized Agent:			
Name of Reporting Carrier:			
Signature of Authorized Officer or Employee:	Date:		
Printed name of Authorized Officer or Employee:			
Title or position of Authorized Officer or Employee:			
Telephone number of Authorized Officer or Employee:			
Study Area Code of Reporting Carrier:	Filing Due Date for this form:		
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C., §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C., § 1001.			

## TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorize	to File Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
, as agent for the reporting carrier, certify that I am authorize	to submit the certification on behalf of the reporting carrier; I have provided the data reported herein based o
data provided by the reporting carrier; and, to the best of m	nowledge, the information reported herein is accurate.
Name of Reporting Carrier:	
Name of Authorized Agent Firm:	
ignature of Authorized Agent or Employee of Agent:	Date:
Name of Authorized Agent Employee:	
itle or position of Authorized Agent or Employee of Agent	
elephone number of Authorized Agent or Employee of Agen	
tudy Area Code of Reporting Carrier:	Filing Due Date for this form:

080) Triba	al Lands Reporting			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 5 of 8
<010>	Study Area Code		108003	
<015>	Study Area Name		United States Cellular Corpora	ation
<020>	Program Year		2016	
<030>	Contact Name - Person USAC should contact regarding		Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identifi			
<039>	Contact Email Address - Email Address of person identif	ried in data line <0	30> Stephanie.Cassioppi@USCellular	COM
<142>	State	) <del></del>		<u>.</u>
<143>	County			
<144>	Tribal Land(s) on which ETC Serves			
		1		
<145>	Tribal Government Engagement Obligation		29	
		Name of Attached D	Occument (.pdf)	
	If your company serves Tribal lands, please select (Yes, each of these boxes to confirm the status described on PDF, on line 145, demonstrates coordination with the T government pursuant to § 54.1004 includes:	the attached	e) for	
		1	Select	
			(Yes, No, Not Applicable)	
<146>	Needs assessment and deployment planning with a foc community anchor institutions;	cus on Tribal	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
<147>	Feasibility and sustainability planning;			
<148>	Marketing services in a culturally sensitive manner;			
<149>	Compliance with Rights of way processes			
<150>	Compliance with Land Use permitting requirements			
<151>	Compliance with Facilities Siting rules	,		
<152>	Compliance with Environmental Review processes			

<153> Compliance with Cultural Preservation review processes
<154> Compliance with Tribal Business and Licensing requirements.

(090) Projec	t Update Information	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 6 of 8
<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<200>	Date Authorized to Receive Support	06/24/2013
<201>	Targeted Completion Date	08/15/2015
<202>	Total Mobility Fund Support Awarded	
<203>	Total Mobility Fund Support Disbursed	
<210> <211>	Actual Completion Date  Project Status Description (attached)	108003ME211.pdf
<212> <213> <214>	Please check these boxes below to confirm that the attached PDF, on line 211, contains a project status pursuant to §54.1005(b)(2)(v). The information shall be submitted as appropriate.  Status of Network Deployment - Network Design  Status of Network Deployment - Construction  Status of Network Deployment - Deployment	✓ ✓ ✓
<215> <216> <217>	Status of Network Deployment - Maintenance Project Budget Status Project Plan Status	✓ ✓ ✓
<218>	Network will Support 3G/4G Mobile Service ?	) 3G

101) Cer	ification - Reporting Carrier		FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 7 of 8
<010>	Study Area Code	108003	
<015>	Study Area Name	United States Cellular Corporation	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com	

## TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for Mobility Fund Recipients			
I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.			
Name of Reporting Carrier: United States Cellular Corporation			
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/20/2016		
Printed name of Authorized Officer: John Gockley			
Title or position of Authorized Officer: VP-Legal and Regulatory Affairs			
Telephone number of Authorized Officer: 7738643167 ext.			
Study Area Code of Reporting Carrier: 108003 Filing Due Date for this form: 07/01/2016			
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.			

06/03/2016 Page 7

102) Certification - Agent / Carrier	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 8 of 8
<010> Study Area Code	108003
<015> Study Area Name	United States Cellular Corporation
<020> Program Year	2016
<030> Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035> Contact Telephone Number - Number of person identified in data line	e <030> 6302013501 ext

## TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

certify that (Name of Agent)is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.			
Name of Authorized Agent:			
Name of Reporting Carrier:			
Signature of Authorized Officer:		Date:	
Printed name of Authorized Officer:			
Title or position of Authorized Officer:			
Telephone number of Authorized Officer:			
Study Area Code of Reporting Carrier:	Filing Due Date for this form:		
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.			

## TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Author	ized to File for Mobility Fund Recipients on Behalf of	FReporting Carrier	
l, as agent for the reporting carrier, certify that I am authorized to submit the reports for Mobility Fund recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.			
Name of Reporting Carrier:			
Name of Authorized Agent Firm:			
Signature of Authorized Agent or Employee of Agent: Date:			
Name of Authorized Agent Employee:			
Title or position of Authorized Agent or Employee of Agent			
Telephone number of Authorized Agent or Employee of Ag	ent:		
study Area Code of Reporting Carrier:	Filing Due Date for this form:		
Persons willfully making false statements on this form of	can be punished by fine or forfeiture under the Communications Act o 18 of the United States Code, 18 U.S.C. § 1001.	of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title	

**Attachments** 

(060) Coverage and Performance Report

FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 12/2015

<141>

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<<2>	<c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
ME	Washington	230299558004016	0	0	0	0.72	0.72	0.72	Yes
ME	Washington	230299558003070	0	0	0	0.01	0.01	0.01	Yes
ME	Washington	230299558002005	0	0	0	0.05	0.05	07.05	Yes
ME	Washington	230299558003039	0	0	0	1.75	1, 75	1.75	Yes
ME	washingcon	230299558003018	0	0	0	0.13	0.13	0.13	Yes
ME	wasnington	230299558003060	0	0	0	0116	0.16	0,16	Yes
ME	Washington	230299558004007	0	0	0	1.16	1,16	1.16	Yes
ME	Washington	230299558003052	0	0	0	0.03	0.03	0.03	Yes
ME	Washington	230299558004017	0	0	0	2.53	2,53	2153	Yes
ME	washingcon	230299558003033	0	О	0	0.33	0.33	0.33	Yes
ME	Washington	230299558002069	0	0	0	0.14	0.14	0414	Yes
ME	Washington	230299558004015	0	0	0	0.35	0.35	0.35	Yes
ME	Washington	230299558003014	0	0	0	4.13	4.13	4.13	Yes
ME	Washington	230299558003016	О	0	0	0.57	0.57	0.57	Yes
ME	Washington	230299558003044	0	0	0	2.72	2.72	2.72	Yes
ME	Washington	230299558003036	0	0	0	0.24	0.24	0.24	Yes
ME	Wasnington	230299558004026	o	o	0	4 : 05	4.05	4,05	Yes
ME	wasnington	230299558003058	o	0	0	2.02	2.02	2.02	Yes
ME	Washington	230299558003026	0	0	0	0.39	0.39	0.39	Yes
ME	Wasnington	230299558003028	О	0	0	0.01	0.01	0.01	Yes

Percentage of Total Population Reached by Service

0			

Percentage of Total Road Miles covered by Service

F00		

(060) Coverage and Performance Report

FCC Form 690 Approved by OMB OMB Control No. 3060-1185

<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 12/2015

<141>

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d>&gt;</d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
ME	Washington	230299558004000	0	0	0	11.86	11.86	11.86	Yes
ME	Wasnington	230299558003043	0	0	0	3,91	3.91	3191	Yes
ME	Washington	230299558002036	0	0	0	0.07	0.07	0.07	Yes
ME	Washington	230299558003020	0	o	0	0.11	0.11	0.11	Yes
ME	washington	230299558003034	0	0	0	5.77	5.77	5.77	Yes
ME	Washington	230299558002065	0	0	0	0.1	0.1	0.1	Yes
ME	Washington	230299558002074	0	О	0	0.17	0.17	0:17	Yes
ME	Washington	230299558003001	0	ō	0	0.52	0.52	0.52	Yes
ME	Washington	230299558003041	0	0	0	0.61	0.61	0.61	Yes
ME	washington	230299558003040	0	0	0	0.92	0,92	0.92	Yes
ME	Washington	230299558003030	o	0	0	0.21	0.21	0 . 21	Yes
ме	Washington	230299558003032	0	ō	0	1.79	1.79	1.79	Yes
ME	Washington	230299558003045	0	0	0	1.38	1,38	1.38	Yes
ME	Washington	230299558003046	o	0	0	0.24	0-24	0.24	Yes
ME	Washington	230299558003038	0	0	0	0.82	0.82	0.82	Yes
ME	Washington	230299558003015	o	0	0	15.01	15.01	15.01	Yes
ME	Washington	230299558003017	0	0	0	0.17	0.17	0,17	Yes
ME	Washington	230299558003029	0	0	0	2.58	2.50	2.58	Yes
ME	washington	230299558002064	0	0	0	0.88	0.88	0.88	Yes
ME	Washington	230299558003059	0	0	0	0.45	0.45	0.45	Yes

Percentage of Total Population Reached by Service 0

Percentage of Total Road Miles covered by Service

100

(060) Coverage and Performance Report

FCC Form 690

Approved by OMB

OMB Control No. 3060-1185

<010>	Study Area Code	108003
<015>	Study Area Name	United States Cellular Corporation
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Stephanie Cassioppi
<035>	Contact Telephone Number - Number of person identified in data line <030>	6302013501 ext,
<039>	Contact Email Address - Email Address of person identified in data line <030>	Stephanie.Cassioppi@USCellular.com
<140>	Coverage and Performance Report Year	01/2015 - 12/2015

<141> <b1> <a1> <a2> <a3> <b2> <b3> <c1> <c2> <c3> <d> Certify that **Total Road** Coverage and Resident Road Miles **Total Resident** Miles Performacne Population Resident per Census Population **Road Miles** covered per data is uploaded Newly Reached by Service Population per Reached by per Census **Block Newly** Census Block (yes/no) State County Census Block Census Block Service Block Reached Washington 230299558002051 ME 0 0.69 0 0.69 0.69 Washington 230299558003019 ME 0 0.32 0 0.32 0.32 Yes Washington 230299558002059 ME 0 1.96 1.96 Yes 1,96 washington 230299558003027 0.6 ME 0 0.6 Yes 0.6 230299558002058 1.3 0 ME 0 1.3 1.3 Yes 230299558004029 0.35 ME 0.35 0.35 Yes wasnington 230299558003061 ME 0 0.26 0.26 0.26 Yes Washington 230299558003010 ME 0 0 0.34 0.34 Yes 0.34 Washington 230299558003012 ΜE 0 2.67 2.67 Yes 2.67 230299558003031 ME 0 0 0.35 0.35 0.35 Yes Washington 230299558003002 ME 0 0 1.63 Yes 1.63

> Percentage of Total Population Reached by Service

0			П

Percentage of Total Road Miles covered by Service

100	

## FCC Form 690

## Mobility Fund Phase 1 - §54.1009 Annual Reporting

Line 041: Description of documents filed with Form 481 SAC 109002

The documents filed with FCC Form 481 for SAC 109002 for Submission Year 2017 include:

- 109002ME310 Unfulfilled Service Requests (voice) Detail on Attempts
- 109002ME510 Service Quality Standards & Consumer Protection Rules Compliance
- 109002ME610 Functionality in Emergency Situations
- 109002ME920 Tribal Government Engagement Obligation

# FCC Form 690 Line 211: PROJECT STATUS DESCRIPTION Project Description and Statement of Technical Feasibility Winning Bid Census Tract No. T23029955800 (Washington, ME) SAC 108003

**Total Bid Amount: \$795,300.00** 

## I. Project Summary

United States Cellular Corporation ("U.S. Cellular") currently provides wireless services in Maine. U.S. Cellular operates a 3G/4G wireless voice and data network incorporating state-of the-art technologies including CDMA and 4G LTE (Long Term Evolution). For this particular winning bid census tract, U.S. Cellular constructed LTE cell sites in order to provide coverage to the unserved qualifying roads in the eligible census blocks within the winning bid census tract.

U.S. Cellular uses

4G LTE technology to provide the required service. LTE incorporates Multiple In Multiple Out (MIMO) technology, the Orthogonal Frequency Division Multiple Access (OFDMA) air interface in the downlink and Single Carrier FDMA in the uplink. This combination provides high levels of spectral efficiency and network performance, coupled with high network capacity and low latency

4G LTE.

Installation of new cell sites will enable U.S. Cellular to meet its public interest obligations to provide rural citizens with access to advanced telecommunications and information technologies that are reasonably comparable to those available in urban areas. U.S. Cellular has identified areas that lack high-quality coverage, that is, dead zones where citizens

have inconsistent access to wireless network signals or where coverage is insufficient to allow mobile usage without dropped calls.

Use of support from Auction 901 will permit U.S. Cellular improve and expand coverage, and to cover operating and maintenance expenses expected in remote areas that are not expected to be cash flow positive for many years, if ever. In many areas where U.S. Cellular currently serves, consumers have access to data speeds that are insufficient to stream high quality video and transmit large files without significant delay. Installation of 4G service will significantly increase data speeds, well in excess of the 4/1 throughput requirement.

This will serve the public interest by allowing consumers to make more efficient use of high speed products and services, including smart phone devices, providing access to a wide variety of software applications. In every area where coverage is improved, rural citizens will see significant public safety benefits, as access to 911, E-911 and other important communications are all facilitated by improved connectivity in a mobile environment.

## II. Project Timeline

MILESTONES	START	END
1. Network Design		
2. Drafting, Posting of RFPs if applicable		
3. Vendor Selection		
4. Contract Negotiation if applicable		
5. Construction		
6. Meeting requirements for \$\$ Installments		
a.1st disbursement - upon award, no other requirements		6/15/2013
b. 2nd disbursement -		
i. report demonstrating 50% road miles covered		n/a
ii. 2nd LOC or increase to initial LOC to cover disbursement amount		n/a
c. 3rd/final disbursement -		
i. report demonstrating 75% road miles covered (3yrs for 4G)		

U.S. Cellular has completed a preliminary network design, which has informed its bidding strategy. U.S. Cellular has also completed its network design and budget, based on the then-current status of its network and then-current costs associated with purchasing the necessary equipment. U.S. Cellular employs radio-frequency engineers, as well as consulting engineers, to develop a final network design plan.

U.S. Cellular has completed its construction project, and has installed equipment needed to upgrade its backhaul and network core facilities, so that all new network equipment that is installed is capable of providing service immediately

Construction, installation and testing is complete and the actual date of network deployment was . The information provided in this 690 filing for final disbursement proves that U.S. Cellular has achieved 75% or greater coverage, coverage. The final disbursement should be which, with the first disbursement of equals of the total bid amount of \$795,300.

## III. Statement of Technical Feasibility

These network deployments and improvements are all technically feasible because they represent an extension of U.S. Cellular's existing network, which has been providing service for a number of years. The projected cost of U.S. Cellular's project plan and necessary operating and maintenance expenses exceed the amount of Auction 901 support that it will receive, and the company invested the additional capital needed to complete the project. It has undertaken a financial analysis of the technical feasibility of meeting the FCC's coverage requirements and based on that analysis, it has determined that the combination of support and internally generated capital was sufficient.

U.S. Cellular understands that the FCC's Auction 901 funding commitment is limited to the winning bid amount, and that U.S. Cellular will be responsible for providing additional internally generated capital, if needed, to meet the Commission's coverage and service requirements.

U.S. Cellular has successfully rolled out 4G LTE service in much of its existing network.

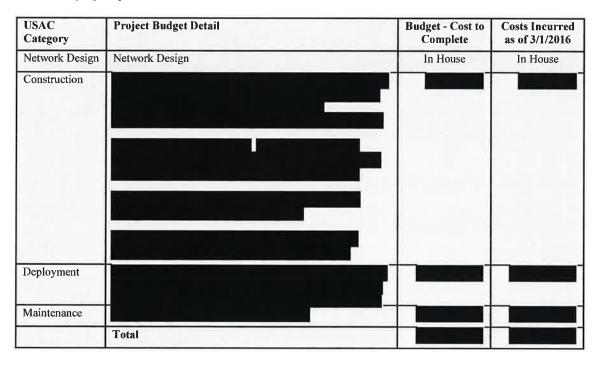
U.S. Cellular has familiarity with the challenges of deploying 4G technology as well as established relationships with equipment and handset vendors. U.S. Cellular understands the challenges of deploying a high-speed data network in a rural area and is fully confident that the technology it has chosen is technically feasible and that it has the necessary expertise to deploy a technically capable network solution that meets the FCC's coverage and throughput requirements.

U.S. Cellular has purchased peripheral technologies such as battery back-ups and diesel generators to ensure that its new network equipment is sufficiently hardened to withstand natural and man-made disasters.

## IV. Budget and Actual Spending Breakdown

Census Tract County/State		Bid	Project Budget Total	
T23029955800	Washington, ME	\$795,300.00		

The following list compares the budget to actual costs incurred as of December 31, 2013 for the activities in the project plan.



The projected build plan set forth above, including costs and timeframes, are good-faith estimates based on current information and subject to change, depending on a variety of factors such as but not limited to terrain, zoning or other restriction on land usage, weather, and equipment availability from the selected vendors.